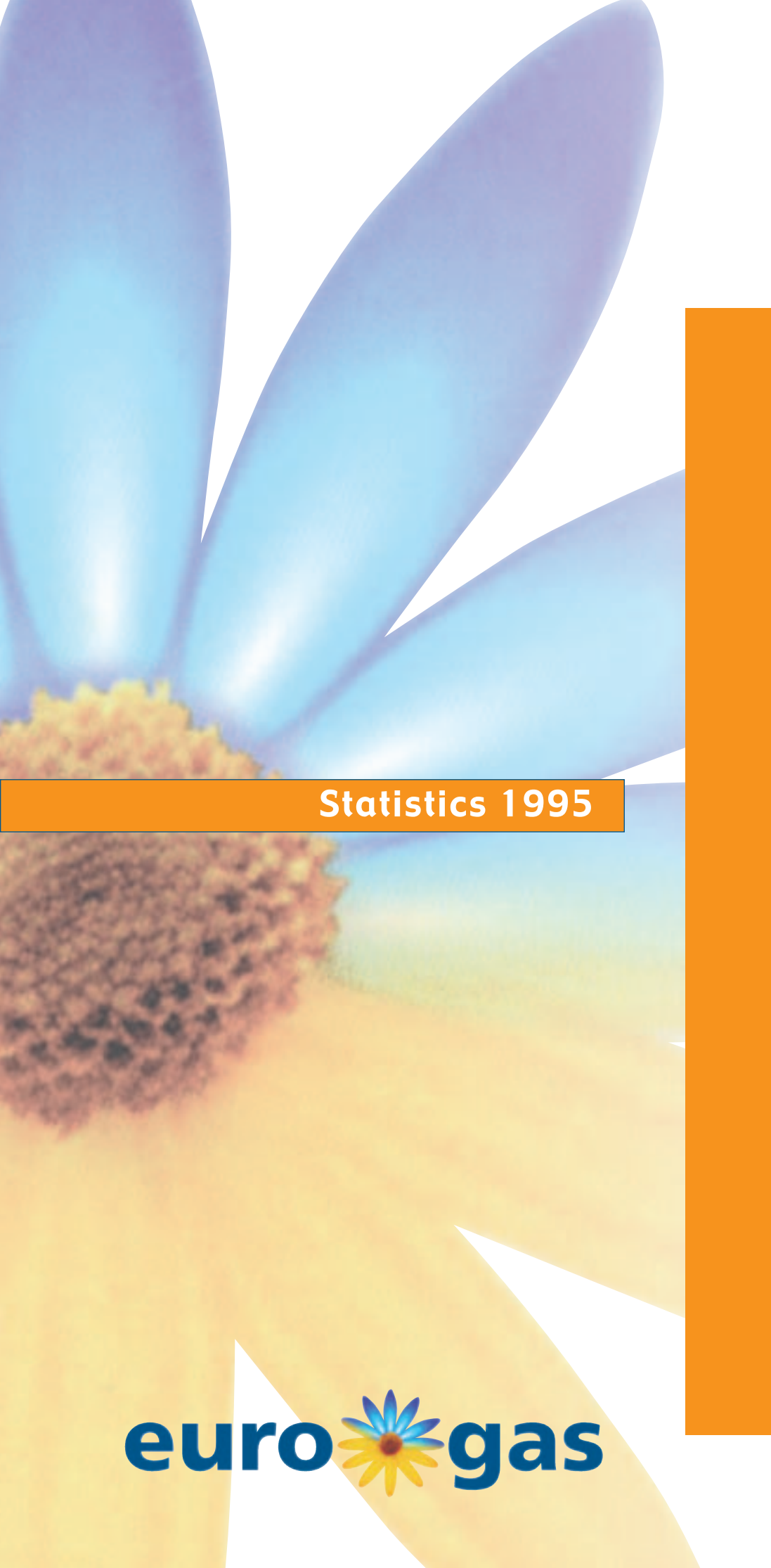


Statistics 1995

eurogas

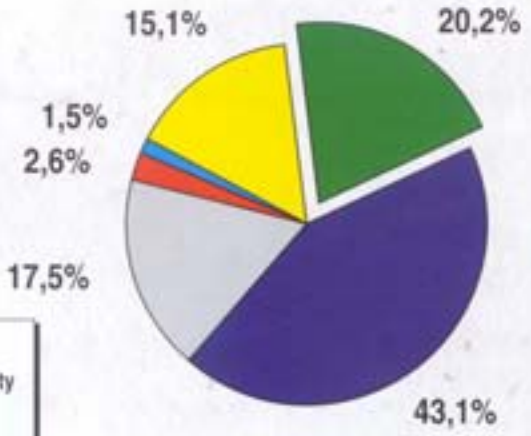
1 ENERGY CONSUMPTION

1995 - Primary Energy Consumption in EUROGAS Member Countries and EU 15:

MTOE	A	B	CH	CZ 5)	D	DK	E	F	H	I	IRL	NL	S	SF	UK	EU15
Oil	11,1	20,5	12,2	7,2	136,1	8,8	55,3	92,2	7,5	95,4	5,6	25,6	16,4	8,2	72,4	570,5
Solid Fuels	2,9	10,0	0,2	25,9	90,5	6,5	16,4	11,7	4,2	13,8	3,0	10,0	2,3	4,9	47,3	245,8
Natural gas	6,4	10,6	2,2	6,0	67,2	5,2	7,5	29,5	9,2	44,9	1,9	52,8	0,8	2,8	65,0	271,2
Nuclear Electricity 1)	0,0	10,2	6,1	1,1	34,5	0,0	14,5	98,3	3,6	0,0	0,0	1,0	16,5	4,7	22,5	305,6
Hydro Electricity 1)	3,5	0,1	3,1	0,1	4,8	0,0	2,0	6,6	0,0	3,4	0,1	0,0	5,3	1,1	0,4	28,1
Electricity Net import	(0,1)	0,9	(0,6)	(0,0)	1,0	(0,1)	0,4	(18,0)	2,0	5,0	0,0	1,1	(0,1)	2,3	1,4	(7,7)
Renewables 2)	2,6	0,0	0,4	0,0	4,4	1,4	2,5	4,2	0,3	3,1	0,0	0,0	7,2	5,2	1,2	32,9
Other	0,8	0,0	0,7	2,1	0,0	0,0	0,0	0,0	0,0	0,0	0,0	0,8	0,4	0,0	0,0	2,0
Total	**27,0**	**52,3**	**24,3**	**39,7**	**338,3**	**19,8**	**100,6**	**226,3**	**26,8**	**165,0**	**10,5**	**71,3**	**50,6**	**29,2**	**208,0**	**1.345,4**

Notes : 1) Domestically produced
2) Renewables includes biomass, wind, solar and geothermal energy
5) 1994 figures

1995 Primary Energy Consumption by Fuel (EU 15)

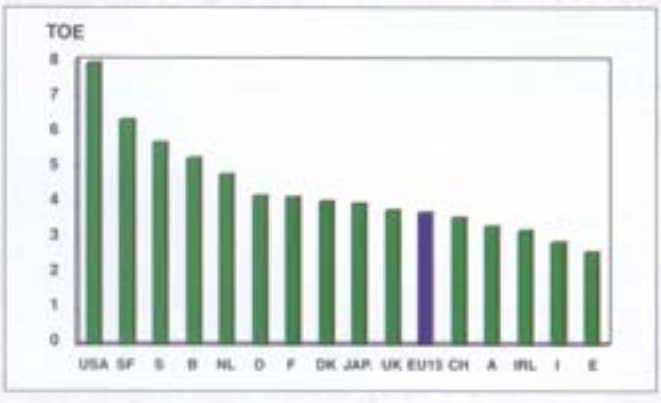


IEA Energy Indicators for 1995 Primary Energy Consumption (PEC) per capita and per GDP unit:

	A	B	CH	D	DK	E	F	I	IRL	NL	S	SF	UK	EU 15
PEC per capita 1)	5,30	5,22	5,55	4,16	3,99	2,59	4,13	2,85	3,18	4,75	5,65	6,29	3,75	3,70
PEC/GDP-ratio 2)	0,15	0,26	0,11	0,19	0,14	0,19	0,19	0,14	0,20	0,23	0,22	0,25	0,21	0,19

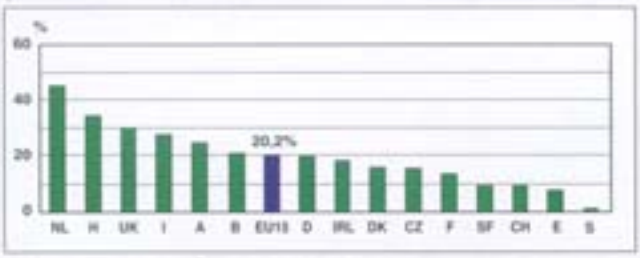
Notes : 1) IEA - estimate (for 1995) measured as total primary energy supply in TOE per inhabitant.
2) IEA - estimate (for 1995) measured as total primary energy supply in TOE per $ 1000 of GDP at 1990 prices and exchange rates

1995 Primary Energy Consumption per Capita



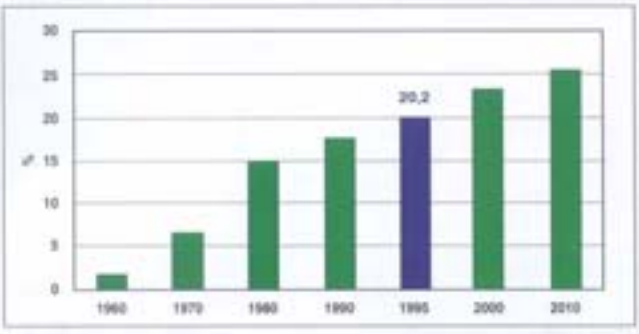
1995

Share of Natural Gas in Primary Energy Consumption



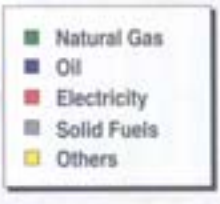
1960 - 2010

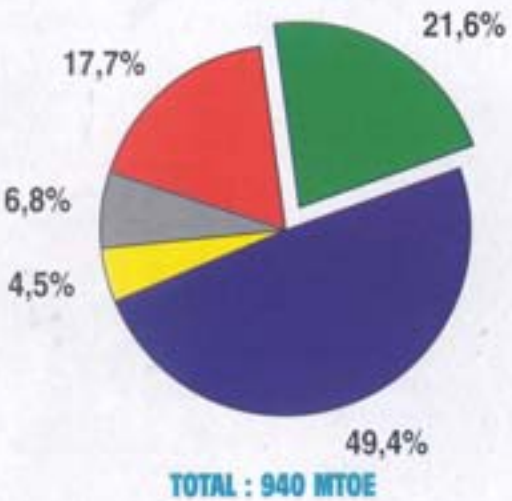
Share of Natural Gas in Primary Energy Consumption (EU 15)



1995

Final Energy Consumption by Source (EU 15)





TOTAL : 940 MTOE

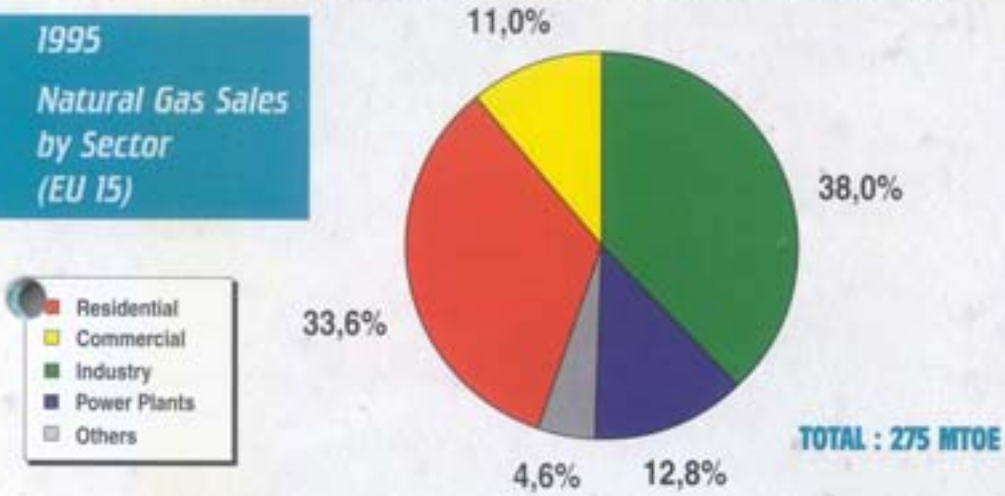
2 NATURAL GAS SALES & SUPPLIES

1995 - Inland Sales of Natural Gas by Sector in EUROGAS Member Countries and EU 15:

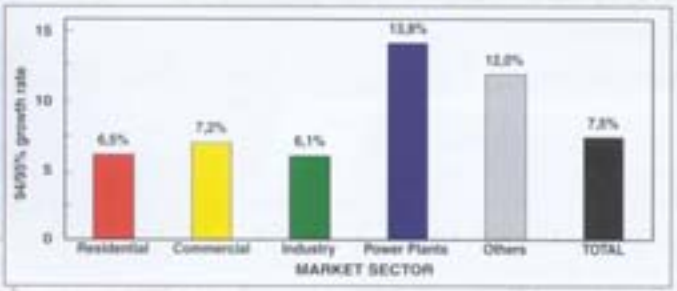
PJ	A	B	CH	CZ	D	DK	E	F	H	I	IRL	NL	S	SF	UK	EU 15
Residential	99.0	149.2	57.7	76.5	974.7	24.6	48.0	326.1	152.0	697.7	11.7	425.3	2.6	0.8	1.175.6	4.186.9
Commercial	n.a.	63.1	17.4	n.a.	122.6	14.1	16.0	217.1	51.9	176.0	8.1	325.0	2.6	1.2	409.6	1.357.7
Industry	118.0	200.1	40.2	n.a.	1.279.1	57.2	272.2	616.6	150.6	879.7	38.1	553.4	12.3	65.7	591.4	4.681.0
Power plants	62.0	85.1	0.0	n.a.	245.9	11.6	3.2	0.4	75.6	295.1	49.0	262.2	0.0	52.0	524.8	1.575.2
Others	18.0	0.0	6.8	n.a.	586.2	44.8	0.0	15.3	15.5	36.8	1.7	5.1	13.6	12.7	16.7	570.8
Total	**296.0**	**497.3**	**102.1**	**505.9**	**5.008.5**	**152.5**	**339.4**	**1.575.5**	**625.4**	**2.085.3**	**108.6**	**1.573.0**	**31.1**	**132.4**	**2.716.3**	**12.319.7**

With an assumed energy content of 1m³ of 39 MJ (GCV), Total Inland Sales corresponds to 515 BCM (approx. 275 MTOE (NCV))

1995 Natural Gas Sales by Sector (EU 15)



1995 Gas Demand Growth Rate by Sector (EU 15)

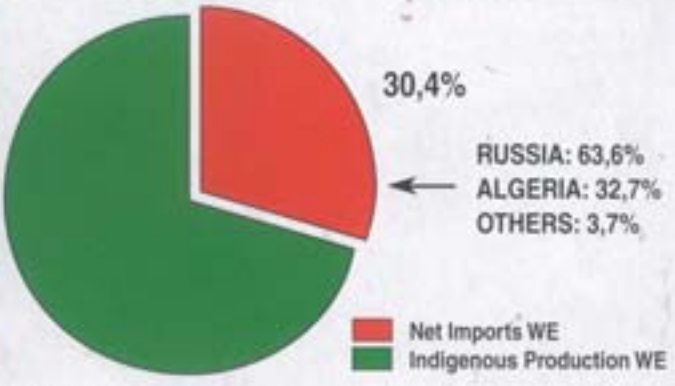


95 - Supplies of Natural Gas in EUROGAS Member Countries and EU 15 :

PJ	A	B	CH	CZ	D	DK	E	F	H	I	IRL	NL	S	SF	UK	EU15	% EU15
Indigenous Production	56.0	0.0	0.0	4.1	689.1	204.7	25.0	125.4	165.0	768.9	104.6	2.791.2	0.0	0.0	2.766.3	7.336,1	61,3%
+ Net imports from EU-members	11.0	101.5	89.8	0.3	848.0	169.71	14.7	165.5	0.0	137.9	3.7	(1.333.4)	31.1	0.0	(40.0)	(25.5)	(0.2%)
from Non-EU-members	249.0	505.6	12.4	506.9	1.814.6	0.0	339.6	1.111.4	256.5	1.189.5	0.0	108.6	0.0	132.4	70.1	5.115.0	41,5%
- changes in stocks (+ and other balances	(17.0)	7.9	0.0	(7.5)	(143.1)	(2.7)	(40.0)	(28.8)	6.0	(11.0)	0.0	6.5	0.0	0.0	(80.1)	(306.6)	(2.5%)
= Net Supplies	296.0	495.5	102.2	505.3	5.008.5	152.5	339.3	1.575.5	425.5	2.085.3	108.5	1.573.9	31.1	132.4	2.716.3	12.319.2	100.0%

Notes : (+) (-) Increase in stocks - + Decrease in stocks

1995 Breakdown of Total Natural Gas Supplies (Western Europe*)



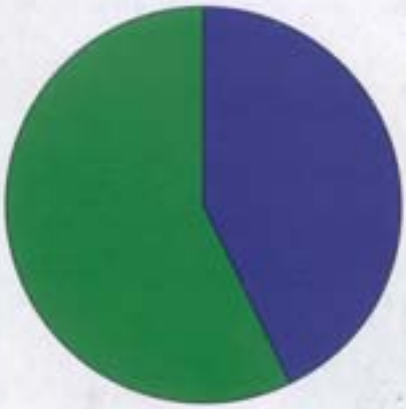
* Western Europe (WE) includes EU15, Switzerland and Norway

3 International Gas Trade

EU Share of World Gas Trade

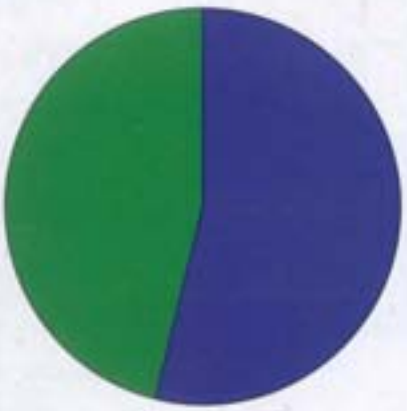
In 1995, world natural gas trade (import/export) totalled to some 356 MTOE. 43% of this gas was imported by EU-countries.

Source : CEDIGAZ, EURIGAS



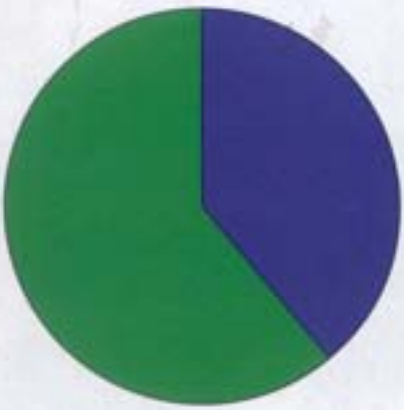
Cross Border Gas Supplies of Total EU Gas Consumption

In 1995, total EU natural gas consumption was approx. 275 MTOE. Nearly 54% of this gas crossed at least one country borderline on its way to the consumer.



EU Gas Import Dependency

39% of the EU's total natural gas consumption in 1995 was net imported from outside the EU.

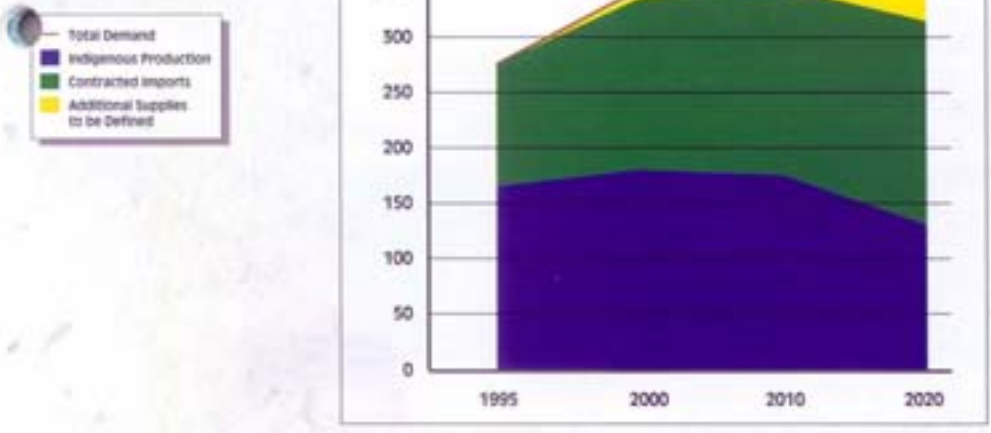


4 Natural Gas Demand & Supply Outlook

EUROGAS Long-term Natural Gas Demand & Supply Outlook for EU 15 :

MTOE	1995	2000	2010	2020
Total Demand	275	340	390	420
Indigenous Production	165	180	175	130
Net Contracted Imports	110	155	170	180
Additional Supplies to be Defined	-	5	45	110
Estimated EU Import Dependency	40%	45%	55%	70%

EU Natural Gas Demand & Supply Outlook 1995-2020

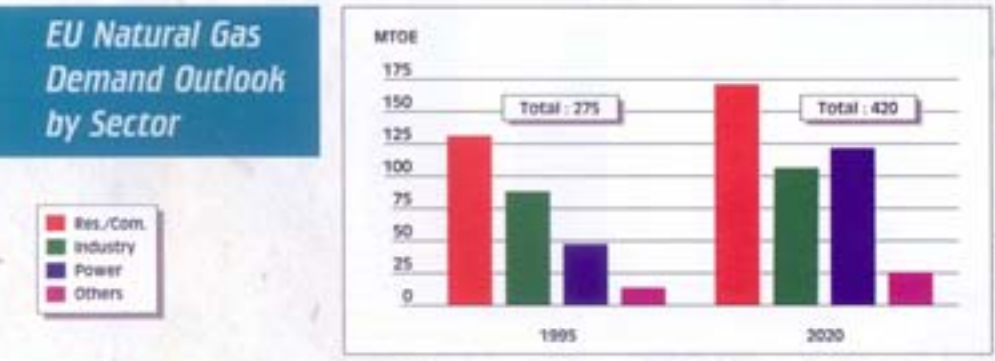


Estimated Natural Gas Import Dependency of Western Europe*:

	1995	2000	2010	2020
	30 %	33%	35%	40%

*) EU15, Norway, Switzerland

EU Natural Gas Demand Outlook by Sector



6 THE EUROPEAN NATURAL GAS INDUSTRY IN KEY FIGURES

Number of Gas Customers (in thousands) as of 1 January 1996 :

	A	B	CH	CZ	D	DK	E	F	H	I	IRL	NL	S	SF	UK [1]	Total
Domestic	1 153	2 500	402	2 002	15 050	377	2 720	9 575	2 542	15 710	241	n.a.	46	54	16 541	n.a.
Non-Domestic	1	80	23	116	620	6	55	400	105	890	9	n.a.	3	1	536	n.a.
Total	1 154	2 580	425	2 118	15 670	383	2 775	9 975	2 647	16 600	250	6 150	49	56	16 077	77 283

Number of Employees as of 1 January 1996:

	A[2]	B	CH	CZ[3]	D	DK	E	F[4]	H	I	IRL	NL	S	SF	UK	Total
Total for Transmission and Distribution	3 500	4 144	1 700	2 121	47 200	1 333	4 157	23 350	n.a.	34 000	770	11 100	225	800	20 000	156 360

Investments in 1995 (mio ECU-average July 1995 rates):

	A	B	CH	CZ[5]	D	DK	E	F[6]	H	I	IRL	NL	S	SF	UK	Total
Total for Transmission and Distribution	165	200	177	128	3 910	157	542	863	n.a.	1 300	60	491	3	11	301	8 354

Lenght of Pipeline as of 1 January 1996 (km):

	A	B	CH	CZ	D	DK	E	F	H	I	IRL	NL	S	SF	UK	Total
Transmission	670	3 452	1 900	16 836	52 000	1 076	6 412	32 000	4 400	27 700	1 015	11 424	402	835	17 900	174 312
Distribution	22 357	40 229	11 400	25 063	270 000	16 304	14 750	157 000	53 212	160 000	4 771	108 000	3 600	1 170	251 700	1 118 756
Total	23 027	43 721	13 476	39 899	322 000	17 460	21 162	189 000	57 697	187 700	5 786	119 424	3 002	1 995	269 600	1 293 028

Natural Gas Storage as of 1 January 1996:

	A	B	CH [7]	CZ [7]	D	DK	E	F	H	I	IRL	NL	S	SF	UK	Total
Number of Storage Facilities	5	3	(1)	5 + (2)	34	2	2	15	3	8	0	1	0	0	7	80
Maximum Working Volume, mill m³	2 630	527	appr. 50	1 800	15 425	appr. 600	1 170	11 200	appr. 3020	appr. 14 000	0	appr. 75	0	0	5 400	appr. 56 596
Maximum Withdrawal Capacity, mill mS/day	27	appr. 19	appr. 1.4	10.7	333	appr. 16	3.3	171	appr. 243	265	0	appr. 31	0	0	159	appr. 1 069

Notes : 1) Number of gas customers is for British Gas only.
2) Number of employees is for Austrian gas supply undertakings.
3) Number of employees is for Transgas only.
4) Number of employees is for Gaz de France only.
5) Investments for Transgas only.
6) Investments for Gaz de France only.
7) ( ) = Storage facilities abroad.

Definitions :

Internationally agreed statistical methods and definitions have been applied.

Primary Energy Consumption is defined as the total gross energy supply (indigenous production plus net imports) before any conversion of the primary energy into final energy forms has taken place.

Final Energy Consumption is the Primary Energy Consumption less net energy losses in the production of electricity and synthetic gas, refinery use and other energy sector uses and losses.

Natural Gas Sales and Supplies have been stated in PJ because of different national gas qualities. With an assumed energy content of 1 m³ of natural gas of 39 MJ (Gross Calorific Value), **1 PJ corresponds to approx. 25.6 mill. m³ of natural gas.**

Conversion Factors :

1PJ (GCV)	=	*25.6 million m^3 gas*		
1 m^3 of natural gas	=	*39 megajoules (MJ - GCV)*	=	10.8 kWh
1 MTOE	=	*1 Million Tonnes of Oil Equivalent*	=	41.86 PJ (NCV)
1000 m^3 of natural gas	=	*0.9 ton oil equivalent (toe - crude oil)*		
1 BCM	=	*1 Billion Cubic Meters*		
1 cubic meter (m^3)	=	*35.315 cubic feet (cf)*		
1 million m^3 of LNG	=	*593 million m^3 of gas*		
Net Calorific Value (NCV)	=	*0.9 Gross Calorific Value (GCV)*		
1 Megajoule	=	*10^6 Joules*		
1 Gigajoule	=	*10^9 Joules*		
1 Terajoule	=	*10^{12} Joules*		
1 Petajoule	=	*10^{15} Joules*		

Heat units :

Equivalent to :	GJ	kWh	MBtu	th	therm
1 gigajoule (GJ)	1	277.8	0.948	238.9	9.479
1 kilowatt-hour (kWh)	$3.6\ 10^{-3}$	1	$3.411\ 10^{-3}$	0.86	$3.411\ 10^{-2}$
1 million British Thermal Units (MBtu)	1.055	293.2	1	252	10
1 thermie (th)	$4.186\ 10^{-3}$	1.162	$3.968\ 10^{-3}$	1	$3.968\ 10^{-2}$
1 therm	0.1055	29.32	$1\ 10^{-1}$	25.2	1